

**SECRET**

# PHOTOGRAPHIC INTERPRETATION REPORT



25X1A

25X1A



**MISSION**  
**-032**

**13 JULY 1968**

NPIC/R-79/68

JULY 1968

**Declass Review NIMA/DoD**

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.



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MISSION -032 13 JULY 1968

NPIC/R-79/68

25X1A 25X1A

PREFACE

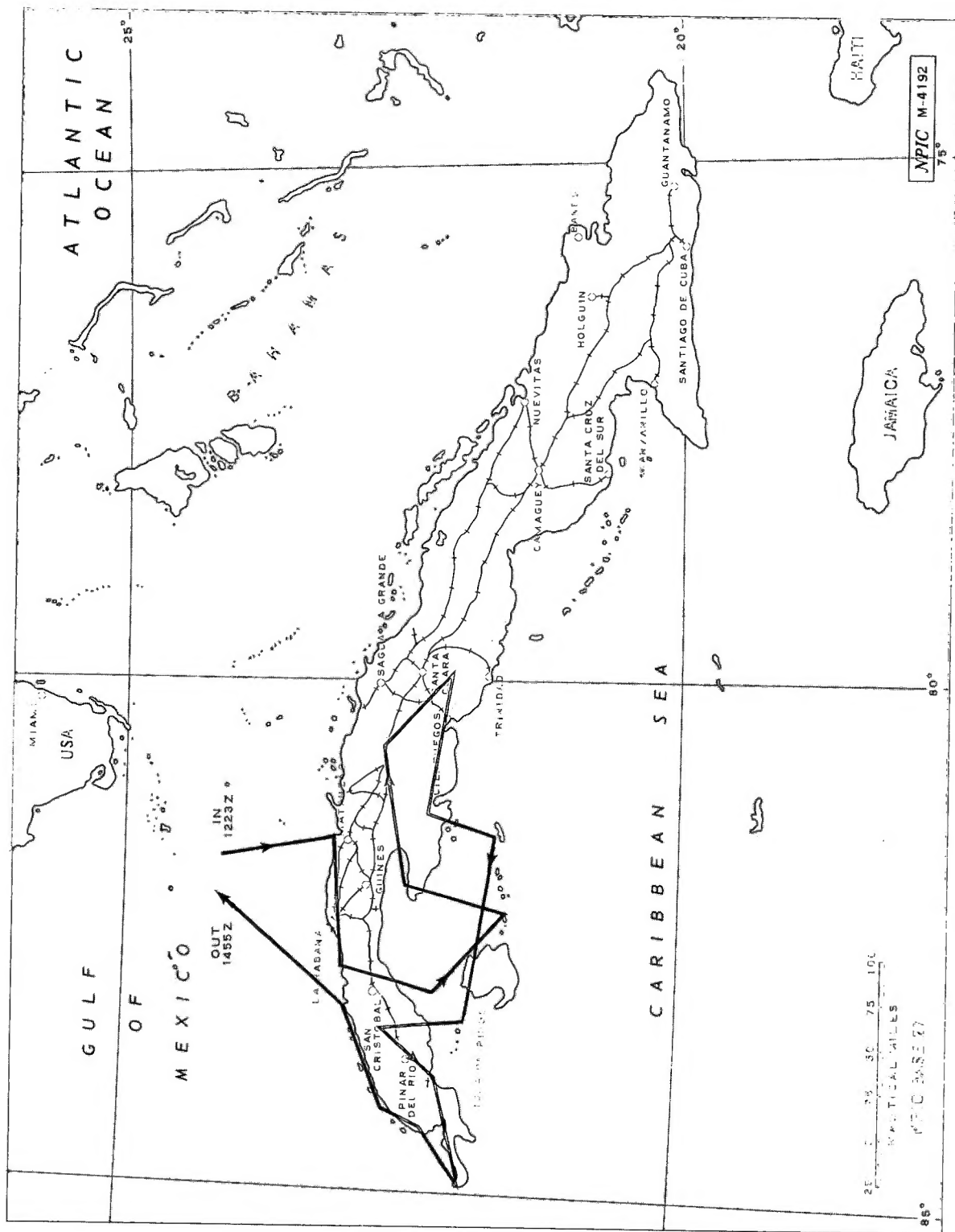
THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION -032, 13 JULY 1968. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC (NO APPARENT CHANGE) AND/OR NOOB (NO ORDER OF BATTLE DISCERNIBLE) AT THE END OF THE REFERENCE LINE.

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25X1A

APPROXIMATE TRACK OF [REDACTED] 032, 13 JULY 1968

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25X1A

25X1A

SUMMARY

MISSION -032, 13 JULY 1968, REVEALS A SHEET  
BEND RADAR 0.78 NM NE OF SANTA LUCIA.

MAJANA SAM SITE 2 A27-A2 HAS BEEN ABANDONED AND THE AREA IS BEING  
RETURNED TO CULTIVATION.

AIR, NAVAL, AND GROUND FORCE ACTIVITY APPEARS NORMAL THROUGHOUT  
THE AREA OF COVERAGE.

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25X1A

MISSILES

25X1A

ALQUIZAR SAM SITE A30-2  
13-I

CU 224911N 0823836W

25X1D OB -- THE SITE APPEARS TO BE OCCUPIED.

25X1A

EL CANO SAM SITE  
86-K2

25X1D

CU 230327N 0822900W

25X1A

25X1A

GUANABACOA SAM SITE A14-2  
86-Y1

CU 230536N 0821557W

25X1A

25X1D OB -- 6 EMPLACED LAUNCHERS, 11 TRANSPORTERS (1 WITH EXPOSED MISSILES), A FAN SONG RADAR WITH 4 ASSOCIATED VANS, AN OCCUPIED ACQUISITION RADAR REVETMENT, AND 9 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

GUARA SAM SITE A29-2  
488

CU 224842N 0821339W

25X1D OB -- 6 LAUNCHERS (1 WITH MISSILE), 10 TRANSPORTERS, AN OCCUPIED GUIDANCE AREA, AN OCCUPIED ACQUISITION RADAR REVETMENT, AND 17 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

LA SALUD SAM SITE A04-2  
489

CU 225305N 0822441W

OB -- 6 LAUNCHERS (2 WITH MISSILES), 8 TRANSPORTERS (1 WITH EXPOSED MISSILE), OCCUPIED GUIDANCE AND ACQUISITION RADAR REVETMENTS, 10 AT-S TRACKED PRIME MOVERS, 9 ZIL-157 PRIME MOVERS, AND 5 VEHICLES/PIECES OF EQUIPMENT.

25X1D

25X1A [REDACTED] MISSION [REDACTED] 032 13 JULY 1968

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MAJANA SAM SITE 2 A27-A2  
[REDACTED] 485-B

CU 224116N 0825002W  
[REDACTED]

25X1D THE SITE IS ABANDONED AND THE AREA IS BEING RETURNED TO CULTIVATION. 25X1A

25X1A [REDACTED]

MANAGUA SAM SITE A05-2  
[REDACTED] 111-E

CU 225942N 0821558W  
[REDACTED]

OB -- 6 LAUNCHERS (3 WITH MISSILES), 7 TRANSPORTERS,  
A FAN SONG RADAR WITH 4 VANS, AN ACQUISITION RADAR, 9  
PROBABLE AT-S TRACKED PRIME MOVERS, 11 POSSIBLE  
ZIL-157 PRIME MOVERS, AND 4 VEHICLES/PIECES OF  
EQUIPMENT.

25X1A

25X1D [REDACTED]

25X1A [REDACTED]

MARIEL SAM SITE 2 A30-2  
[REDACTED] 117-W

CU 230048N 0824849W  
[REDACTED]

OB -- 6 LAUNCHERS (2 WITH MISSILES), 5 TRANSPORTERS  
(1 WITH EXPOSED MISSILE), A FAN SONG RADAR AND 4  
ASSOCIATED VANS, AN OCCUPIED ACQUISITION RADAR AREA,  
9 ZIL-157V PRIME MOVERS AND 9 VEHICLES/PIECES OF  
EQUIPMENT.

25X1A

25X1D [REDACTED]

25X1A [REDACTED]

PUNTA BRAVA SAM SITE A29-2  
[REDACTED] 483-A

CU 230130N 0823148W  
[REDACTED]

OB -- 5 LAUNCHERS (2 WITH MISSILES, 1 WITH PROBABLE  
MISSILE), 6 TRANSPORTERS (2 WITH EXPOSED MISSILES), A  
FAN SONG RADAR WITH 4 ASSOCIATED VANS, AND 14  
VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1D [REDACTED]

25X1A [REDACTED]

RANCHUELO SAM SITE A33-2  
[REDACTED] 154-B

CU 222350N 0801002W  
[REDACTED]

OB -- 5 LAUNCHERS AND 14 TRANSPORTERS (6 WITH  
MISSILES).

25X1A

25X1A MISSION G-032

25X1A JULY 1968

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25X1D

25X1A

25X1A

TORRENS SAM ASSEMBLY AREA  
458-A

CU 225748N 0822753W

25X1D OB -- NUMEROUS MISSILE CANISTERS.

25X1A

25X1A

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2  
154-C

CU 222820N 0801847W

25X1D OB -- 6 MISSILE TRANSPORTERS (5 WITH EXPOSED MISSILES, 1 CANVAS COVERED), 13 CARGO TRUCKS, AND 6 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA  
425-B

CU 225740N 0822130W

25X1D OB -- 9 TRANSPORTERS (4 WITH EXPOSED MISSILES), 14 VEHICLES/PIECES OF EQUIPMENT, AND NUMEROUS MISSILE CANISTERS.

25X1A

25X1A

CONSTANCIA SAM SITE A10-2  
56-E

CU 221400N 0803030W

25X1D OB -- 4 LAUNCHERS WITH MISSILES, 1 LAUNCHER WITHOUT MISSILE, 1 LAUNCHER WITH MISSILE OUTSIDE REVETMENT, 1 MISSILE ON TRANSPORTER, A FAN SONG RADAR WITH 1 VAN, 8 TRANSPORTERS (7 CANVAS COVERED), 1 CRANE, AND 36 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

SANTA FE SAM SITE A30-2  
179-H

CU 214701N 0825010W

OB -- 6 LAUNCHERS (1 WITH MISSILE), 1 ADDITIONAL LAUNCHER, AN OCCUPIED GUIDANCE AREA, AND 4 MISSILE

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25X1D TRANSPORTERS,

25X1A

PUNTA BALLEMATOS SAM SITE  
0586 508-A

CU 230440N 0822945W

OB -- 3 LAUNCHERS REMAIN NEAR THE OCCUPIED  
ACQUISITION RADAR REVETMENT.

25X1D

25X1A

LA HABANA SAM SITE FORT DE LA CABANA  
0586 86-P1

CU 230855N 0822025W

25X1D THE SITE APPEARS TO BE OCCUPIED.

25X1A

COJIMAR PROBABLE SAM SITE U/C  
0586 86-F2

CU 230908N 0821718W

25X1D

25X1A

25X1A

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE  
172-E

CU 225510N 0821007W

OB -- MAIN CAMP -- 3 SAMLET LAUNCHERS, 6 SAMLET  
TRANSPORTERS, AND 75 VEHICLES/PIECES OF EQUIPMENT.  
CAMP 0.8 NM WSW -- AT LEAST 13 VEHICLES/PIECES OF  
EQUIPMENT.

25X1D

25X1A

EL CANO SAM TRAINING AREA  
0586 86-K3

CU 230330N 0822906W

OB -- 2 LAUNCHERS, 3 TRANSPORTERS, 2 FAN SONG RADARS  
WITH 11 ASSOCIATED VANS, 2 TOWN-TYPE RADARS, 2  
POSSIBLE ROCK CAKE/STONE CAKE RADARS, 1 TRUCK-MOUNTED  
CRANE, AT LEAST 6 MISSILE CANISTERS, AND AT LEAST 37  
VEHICLES/PIECES OF EQUIPMENT.

25X1D

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25X1A AIR FACILITIES 25X1A

SIGUANEA AIRFIELD  
190-D

CU 213834N 0825720W

25X1D CONSTRUCTION CONTINUES.  
FIVE PROBABLE VEHICLES/PIECES OF EQUIPMENT ARE  
OBSERVED.

25X1A 25X1A

SAN ANTONIO DE LOS BAÑOS AIRFIELD  
164

CU 225216N 0823034W

25X1D OB -- 17 FISHBED, 1 POSSIBLE FISHBED, 3 PROBABLE  
FARMER, 10 FAGOT/FRESCO, AND 1 HOUND.

25X1A 25X1A

SAN JULIAN AIRFIELD  
18

CU 220542N 0840907W

25X1D OB -- 11 PROBABLE COLT, 8 POSSIBLE ZLIN TRENER, AND 1  
HOUND.

25X1A 25X1A

JOSE MARTI INTERNATIONAL AIRFIELD  
86-I

CU 225922N 0822427W

25X1D OB -- 2 POSSIBLE FISHBED, 3 BRITANNIA, 1 COOT, 2  
COKE, 1 C-54, 9 CRATE, 2 C-46, 1 C-47, AND 2 SMALL  
STRAIGHT-WING.

25X1A 25X1A

CAMPO LIBERTAD AIRFIELD  
86-B

CU 230541N 0822555W

OB -- 2 FISHBED, 1 FARMER, 5 FAGOT/FRESCO, 3 CRATE, 1  
CAB, 16 COLT, 38 HOUND (8 WITHOUT ROTORS), 1 MORAYA  
L-200, 2 SMALL STRAIGHT-WING, 2 PROBABLE CAB  
FUSELAGES, AND AT LEAST 12 PROBABLE FRESCO SHIPPING  
CRATES.

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25X1D

25X1A

PLAYA BARACOA AIRFIELD  
22

CU 230205N 0823442W

A NEW MAINTENANCE/STORAGE BUILDING IS UNDER  
CONSTRUCTION.

25X1A

OB -- 1 COKE, 1 CRATE, AND 1 HOUND.

25X1D

25X1A

NUEVA GERONA AIRFIELD  
133

CU 215015N 0824648W

CONSTRUCTION CONTINUES.

25X1A

OB -- 1 COLT AND 2 SMALL STRAIGHT-WING,

25X1D

25X1A

JAIME GONZALES AIRFIELD  
51-C

CU 220926N 0802444W

25X1A

25X1D

NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION  
0586 117

CU 225940N 0824459W

OB -- 1 POSSIBLE PCE, 2 KRONSTADT PC, 5 SO-1 SC, AND  
2 COLT,

25X1A

VESSELS -- 1 FREIGHTER AND 1 COASTAL FREIGHTER.

25X1D

25X1A

CABANAS NAVAL BASE  
25-D

CU 225835N 0825836W

OB -- 14 KOMAR PTG, 1 SMALL COMBATANT, 35 STYX  
MISSILE CRATES, AND 13 FA PIECES.

25X1A

25X1D

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25X1A

SIGUANEA NAVAL BASE  
190-J

25X1D

CU 213658N 0825846W

25X1A

25X1A

CIENFUEGOS PORT A NAVAL FACILITIES  
51-A

CU 220825N 0802720W

OB -- 2 KRONSTADT PC, 7 P-6 PT, AND 1 SMALL  
COMBATANT.

25X1A

25X1D

VESSELS -- 3 LARGE FREIGHTERS, 3 COASTAL FREIGHTERS,  
AND 1 LARGE TANKER.

25X1A

LA HABANA PORT FACILITIES  
86

CU 230750N 0822050W

OB -- 2 PROBABLE PF (1 WITH ARMAMENT REMOVED), 4 SO-1  
SC, 5 POSSIBLE SO-1 SC (4 IN FLOATING DRYDOCK), 3  
KOMAR PTG, 1 P-6 PT, 6 P-4 PT, AND 1 SMALL COMBATANT.  
VESSELS -- 19 FREIGHTERS AND 12 COASTAL FREIGHTERS (1  
IN DRYDOCK).

25X1A

25X1D

25X1A

PUNTA BALLEMATOS NAVAL FACILITY  
508

CU 230515N 0822945W

OB -- 3 POSSIBLE P-4 PT AND 1 SMALL COMBATANT.

25X1A

25X1D

ELECTRONICS/COMMUNICATIONS

SAN ANTONIO DE LOS BANOS AW RADAR FAC 2  
0586 164-H1

CU 2253//N 08230//W

OB -- 1 PROBABLE TOKEN-TYPE RADAR WITH 3 ASSOCIATED  
VANS.

25X1A

25X1D

**25X1D**

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25X1A

25X1A

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CU 224027N 0835726W  
NO COMRX

SANTA LUCIA RADAR SITE  
0587 37-G

0.75 NM NE OF SANTA LUCIA AT UTM 17QJR962103.  
THE NEW RADAR SITE CONTAINS ONE SHEET BEND RADAR, ONE  
POSSIBLE RADAR, TWO PROBABLE GENERATORS, AND 1 VAN  
TRUCK. SUPPORT FACILITIES INCLUDE ONE SMALL BUILDING  
AND ONE MEDIUM TENT.

25X1D

25X1D

25X1A

GROUND FORCE ACTIVITY

25X1D 25X1A

RANCHO BOYEROS MIL TRAINING AREA A CAMP  
86-21

CU 230033N 0821843W

25X1D

OB -- AT LEAST 40 VEHICLES/PIECES OF EQUIPMENT.

25X1A

SANTIAGO DE LAS VEGAS MILITARY CAMP  
425-C

CU 225800N 0822020W

25X1D

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1D

25X1A

25X1D 25X1A

SANTIAGO DE LAS VEGAS MIL CAMP  
425-F

CU 225730N 0822320W

25X1D

25X1A

25X1D

LOURDES MILITARY CAMP TORRENS  
458

CU 225919N 0822759W

25X1D

OB -- AT LEAST 50 VEHICLES/PIECES OF EQUIPMENT.

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25X1A

25X1A

SECRET

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25X1A

25X1A

CAMPO FLORIDO MILITARY CAMP WSW  
445

CU 230617N 0821110W

25X1D

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

LARGO ISLAND MILITARY CAMP  
37-D

CU 213735N 0813351W

OB -- 15 VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 10 PROBABLE AND 2 POSSIBLE OCCUPIED AAA  
POSITIONS.

25X1D

25X1A

25X1A

LA HABANA ARMY BARRACKS GUANABACOA  
86-D3

CU 230716N 0821553W

25X1D OB -- 19 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

GUANAJAY MILITARY CAMP MARTIN MESA  
215-D

CU 225720N 0824332W

25X1D OB -- AT LEAST 55 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

GUANAJAY DRIVE THROUGH BUNKER  
215-M

CU 225655N 0823900W

25X1D

25X1A

25X1A

LA FLORA MILITARY CAMP  
164-E

CU 225243N 0823350W

OB -- 18 TANKS/ASSAULT GUNS, 36 BTR-60P APC, AT LEAST  
52 FA PIECES, 16 AAA PIECES, 9 MORTARS, AND NUMEROUS  
CARGO TRUCKS AND VEHICLES/PIECES OF EQUIPMENT.

25X1D

25X1A

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25X1D

25X1A

25X1A

SAN JOSE DE LAS LAJAS VEHICLE PARK NW  
172-L

CU 225842N 0821227W

25X1D

THREE BUILDINGS ARE UNDER CONSTRUCTION.  
OB -- AT LEAST 4 LAUNCHERS, 13 ELECTRONICS VANS, AND  
AT LEAST 12 VEHICLES/PIECES OF EQUIPMENT.

25X1A

25X1A

SANTA CLARA ARTILLERY TRAINING AREA  
177-U

CU 222202N 0800011W

25X1D

25X1A

25X1A

SANTA FE MILITARY CAMP LA CLARITA  
179-E

CU 214351N 0824638W

25X1D

OB -- MAIN CAMP -- 4 VEHICLES/PIECES OF EQUIPMENT.  
CAMP 1.5 NM WNW -- 4 PROBABLE TANKS/ASSAULT GUNS AND  
11 VEHICLES/PIECES OF EQUIPMENT.  
CONSTRUCTION CONTINUES ON DRIVE-THROUGH BUNKERS.

25X1A

SANTA FE MILITARY CAMP LUMUMBA  
0586 179-B

CU 214200N 0824930W

25X1D

OB -- 14 VEHICLES/PIECES OF EQUIPMENT.

25X1A

SANTA FE MILITARY CAMP EAST  
179-I

CU 214430N 0824402W

25X1D

OB -- 3 VEHICLES/PIECES OF EQUIPMENT.

25X1A

**25X1D**

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INDEX OF TARGETS

25X1A

AN ASTERISK (\*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

COMIREX

INSTALLATION NAME

CTY

ALQUIZAR SAM SITE A30-2	CU
EL CANO SAM SITE	CU
GUANABACOA SAM SITE A14-2	CU
GUARA SAM SITE A29-2	CU
LA CACHIMBA SAM SITE A12-2	CU *
LA SALUD SAM SITE A04-2	CU
MAJANA SAM SITE 2 A27-A2	CU
MANAGUA SAM SITE A05-2	CU
MARIEL SAM SITE 2 A30-2	CU
PUNTA BRAVA SAM SITE A29-2	CU
RANCHUELO SAM SITE A33-2	CU
SANTA CLARA SAM SITE A34-2	CU *
TORRENS SAM ASSEMBLY AREA	CU
SANTA ISABEL DE LAS LAJAS SAM SITE A35-2	CU
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	CU
CONSTANCIA SAM SITE A10-2	CU
SANTA FE SAM SITE A30-2	CU
PUNTA BALLENNATOS SAM SITE	CU
LA HABANA SAM SITE FORT DE LA CABANA	CU
COJIMAR PROBABLE SAM SITE U/C	CU
SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE	CU
EL CANO SAM TRAINING AREA	CU
CAMILO CIENFUEGOS AIRFIELD	CU *
SIGUANEIA AIRFIELD	CU
SAN ANTONIO DE LOS BANOS AIRFIELD	CU
SAN JULIAN AIRFIELD	CU
JOSE MARTI INTERNATIONAL AIRFIELD	CU
CAMPO LIBERTAD AIRFIELD	CU
PLAYA BARACOA AIRFIELD	CU
NUEVA GERONA AIRFIELD	CU
JAIME GONZALES AIRFIELD	CU
MARIEL NAVAL BASE AND NAVAL AIR STATION	CU
CABANAS NAVAL BASE	CU
SIGUANEIA NAVAL BASE	CU
CIENFUEGOS PORT A NAVAL FACILITIES	CU
LA HABANA PORT FACILITIES	CU
PUNTA BALLENNATOS NAVAL FACILITY	CU
SANTA CLARA AW RADAR FACILITY	CU *
SAN ANTONIO DE LOS BANOS AW RADAR FAC 2	CU
BAHIA HONDA AW RADAR FACILITY	CU
BAHIA HONDA AW RADAR FACILITY 2	CU
LA HABANA RADAR FACILITY COJIMAR	CU *
SAN JULIAN RADAR FAC AFLD GUANE	CU *

SECRET

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25X1D

25X1D

CU  
CU  
CU \*  
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CU

**SECRET**

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